Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	12	Strooper.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/02 12:17
L2	9	Annaert.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/02 12:18

(FILE 'HOME' ENTERED AT 12:21:11 ON 02 FEB 2006)

FILE 'MEDLINE, BIOSIS, LIFESCI, EMBASE, SCISEARCH, CAPLUS' ENTERED AT 12:21:30 ON 02 FEB 2006

L1 24 S STROOPER

L2 6 S ANNAERT

Sequence search

SEQ ID NO: 5

SUMMARIES

Result No.	Score	% Query Match	Length	DB	ID	Description
1	48	100.0	11	6	ABB82612	Abb82612 Amyloid p
2	48	100.0	11	8	ADM72467	Adm72467 Presenili
3	48	100.0	15	6	ABB82620	Abb82620 Amyloid p
4	48	100.0	15	8	ADH89901	Adh89901 Cell pene
5	48	100.0	15	8	ADH89873	Adh89873 Cell pene
6	48	100.0	15	8	ADH89900	Adh89900 Cell pene
7	48	100.0	16	7	ADG37093	Adg37093 Gamma pro
8	48	100.0	17	8	ADG73684	Adg73684 Human APP
9	48	100.0	18	6	ABB82615	Abb82615 Amyloid p
10	48	100.0	23	8	ADM72461	Adm72461 Presenili
11	48	100.0	24	8	ADM72463	Adm72463 Presenili
12	48	100.0	24	8	ADM72458	Adm72458 Presenili
13	48	100.0	26	8	ADM72460	Adm72460 Presenili
14	48	100.0	28	8	ADM72454	Adm72454 Presenili
15	48	100.0	28	8	ADM72431	Adm72431 Presenili
16	48	100.0	28	8	ADM72457	Adm72457 Presenili
17	48	100.0	28	8	ADM72462	Adm72462 Presenili
18	48	100.0	30	8	ADM72439	Adm72439 Presenili
19	48	100.0	30	8	ADM72433	Adm72433 Presenili
20	48	100.0	30	8	ADM72437	Adm72437 Presenili
21	48	100.0	30	8	ADO58589	Ado58589 APP trans
22	48	100.0	31	6	ABB82619	Abb82619 Amyloid p
23	48	100.0	31	8	ADM72468	Adm72468 Presenili
24	48	100.0	32	8	ADM72435	Adm72435 Presenili
25	48	100.0	33	8	ADM72459	Adm72459 Presenili

SUMMARIES

Result No.	Score	% Query Match	Length	DB	ID	Description
1	48	100.0	49	1	US-08-123-702-45	Sequence 45, Appl
2	48	100.0	55	2	US-09-823-153-10	Sequence 10, Appl
3	48	100.0	59	1	US-08-484-969-3	Sequence 3, Appli
4	48	100.0	59	1	US-08-472-627-3	Sequence 3, Appli
5	48	100.0	59	1	US-08-388-463-3	Sequence 3, Appli
6	48	100.0	97	6	5187153-8	Patent No. 5187153
7	48	100.0	97	6	5220013-8	Patent No. 5220013
8	48	100.0	97	6	5223482-8	Patent No. 5223482
9	48	100.0	99	1	US-08-422-333-3	Sequence 3, Appli
10	48	100.0	99	2	US-08-339-708A-4	Sequence 4, Appli
11	48	100.0	99	2	US-08-339-708A-6	Sequence 6, Appli
12	48	100.0	100	6	5187153-10	Patent No. 5187153
13	48	100.0	100	6	5220013-10	Patent No. 5220013
14	48	100.0	103	1	US-08-404-831-2	Sequence 2, Appli
15	48	100.0	103	1	US-08-612-785B-2	Sequence 2, Appli
16	48	100.0	103	1	US-08-475-579A-2	Sequence 2, Appli
17	48	100.0	103	1	US-08-920-162A-2	Sequence 2, Appli
18	48	100.0	103	2	US-08-339-708A-10	Sequence 10, Appl
19	48	100.0	103	2	US-08-339-708A-12	Sequence 12, Appl
20	48	100.0	103	2	US-09-356-931-2	Sequence 2, Appli
21	48	100.0	103	2	US-08-703-675C-2	Sequence 2, Appli
22	48	100.0	103	2	US-08-617-267C-2	Sequence 2, Appli
23	48	100.0	103	2	US-09-519-019A-2	Sequence 2, Appli
24	48	100.0	103	2	US-09-895-443A-2	Sequence 2, Appli
25	48	100.0	103	2	US-10-395-290-2	Sequence 2, Appli

RESULT 6
5187153-8

;Patent No. 5187153
; APPLICANT: CORDELL, BARBARA;SCHILLING, JAMES W.;KATUNUMA, NOBUHIKO
; TITLE OF INVENTION: METHODS OF TREATMENT USING ALZHEIMER'S
;AMYLOID POLYPEPTIDE DERIVATIVES
; NUMBER OF SEQUENCES: 33
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/07/502,273
; FILING DATE: 29-MAR-1990
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 361,912
; FILING DATE: 06-JUN-1989
; APPLICATION NUMBER: 359,911
; FILING DATE: 12-MAY-1989
; APPLICATION NUMBER: 87,002
; FILING DATE: 18-AUG-1987
; APPLICATION NUMBER: 8,810
; FILING DATE: 30-JAN-1987
; APPLICATION NUMBER: 948,376
; FILING DATE: 31-DEC-1986
; APPLICATION NUMBER: 932,193
; FILING DATE: 17-NOV-1986
;SEQ ID NO:8:
; LENGTH: 97
5187153-8

Query Match 100.0%; Score 48; DB 6; Length 97;
Best Local Similarity 100.0%; Pred. No. 0.1;
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```
Qy          1 TVIVITLVMLK 11
              ||||||||||
Db         41 TVIVITLVMLK 51
```

SUMMARIES

Result No.	Score	% Query Match	Length	DB	ID	Description
1	48	100.0	11	4	US-10-662-651A-5	Sequence 5, Appli
2	48	100.0	15	4	US-10-662-651A-13	Sequence 13, Appl
3	48	100.0	18	4	US-10-662-651A-8	Sequence 8, Appli
4	48	100.0	31	4	US-10-662-651A-12	Sequence 12, Appl
5	48	100.0	34	4	US-10-662-651A-7	Sequence 7, Appli
6	48	100.0	41	3	US-09-864-761-36369	Sequence 36369, A
7	48	100.0	44	5	US-10-700-922-5	Sequence 5, Appli
8	48	100.0	49	3	US-09-864-761-33582	Sequence 33582, A
9	48	100.0	49	3	US-09-864-761-34163	Sequence 34163, A
10	48	100.0	55	3	US-09-823-153-10	Sequence 10, Appl
11	48	100.0	55	4	US-10-713-981-10	Sequence 10, Appl
12	48	100.0	55	5	US-10-849-423-6	Sequence 6, Appli
13	48	100.0	59	3	US-09-975-932-1	Sequence 1, Appli
14	48	100.0	59	4	US-10-084-380A-1	Sequence 1, Appli
15	48	100.0	70	3	US-09-155-076-14	Sequence 14, Appl
16	48	100.0	79	5	US-10-700-922-3	Sequence 3, Appli
17	48	100.0	99	4	US-10-183-119-2	Sequence 2, Appli
18	48	100.0	99	5	US-10-486-265-3	Sequence 3, Appli
19	48	100.0	100	3	US-09-794-975-4	Sequence 4, Appli
20	48	100.0	100	4	US-10-275-025-1	Sequence 1, Appli
21	48	100.0	100	4	US-10-275-025-6	Sequence 6, Appli
22	48	100.0	100	4	US-10-275-025-7	Sequence 7, Appli
23	48	100.0	100	5	US-10-849-423-4	Sequence 4, Appli
24	48	100.0	100	5	US-10-486-265-5	Sequence 5, Appli
25	48	100.0	103	3	US-09-972-475-2	Sequence 2, Appli

SUMMARIES

Result No.	Score	% Query Match	Length	DB	ID	Description

1	48	100.0	770	6	US-10-982-545-15	Sequence 15, Appl
2	48	100.0	770	6	US-10-789-273-38	Sequence 38, Appl
3	41	85.4	763	6	US-10-821-234-1619	Sequence 1619, Ap
4	35	72.9	179	6	US-10-467-657-4526	Sequence 4526, Ap
5	34	70.8	236	6	US-10-793-626-998	Sequence 998, App
6	33	68.8	333	6	US-10-949-720-396	Sequence 396, App
7	32	66.7	306	6	US-10-995-561-894	Sequence 894, App
8	31	64.6	15	7	US-11-098-662-102	Sequence 102, App
9	31	64.6	19	7	US-11-098-662-104	Sequence 104, App
10	31	64.6	21	7	US-11-098-662-106	Sequence 106, App
11	31	64.6	24	7	US-11-098-662-108	Sequence 108, App
12	31	64.6	200	7	US-11-098-662-4	Sequence 4, Appli
13	31	64.6	200	7	US-11-098-662-20	Sequence 20, Appl
14	30	62.5	219	6	US-10-793-626-3204	Sequence 3204, Ap
15	30	62.5	492	6	US-10-793-626-770	Sequence 770, App
16	30	62.5	672	6	US-10-467-657-8280	Sequence 8280, Ap
17	29	60.4	27	7	US-11-157-930-14	Sequence 14, Appl
18	29	60.4	138	6	US-10-793-626-1254	Sequence 1254, Ap
19	29	60.4	327	6	US-10-793-626-1104	Sequence 1104, Ap
20	29	60.4	346	7	US-11-157-930-2	Sequence 2, Appli
21	29	60.4	367	7	US-11-109-157A-20	Sequence 20, Appl
22	29	60.4	378	6	US-10-995-561-891	Sequence 891, App
23	29	60.4	531	6	US-10-485-517-276	Sequence 276, App
24	29	60.4	650	7	US-11-109-157A-19	Sequence 19, Appl
25	29	60.4	661	7	US-11-109-157A-44	Sequence 44, Appl

SUMMARIES

Result No.	Score	% Query Match	Length	DB	ID	Description
1	48	100.0	82	2	PQ0438	Alzheimer's diseas
2	48	100.0	695	1	A49795	Alzheimer's diseas
3	48	100.0	695	2	A27485	Alzheimer's diseas
4	48	100.0	695	2	S00550	Alzheimer's diseas
5	48	100.0	747	2	JH0773	Alzheimer's diseas
6	48	100.0	770	1	QRHUA4	Alzheimer's diseas
7	43	89.6	57	2	A60045	Alzheimer's diseas
8	43	89.6	57	2	F60045	Alzheimer's diseas
9	43	89.6	57	2	D60045	Alzheimer's diseas
10	43	89.6	57	2	E60045	Alzheimer's diseas
11	43	89.6	57	2	G60045	Alzheimer's diseas
12	43	89.6	57	2	B60045	Alzheimer's diseas
13	41	85.4	191	2	A35981	sperm membrane pro
14	41	85.4	511	2	JC1404	CDEI-box DNA-bindi
15	41	85.4	751	2	A49974	beta-amyloid precu
16	41	85.4	763	2	A49321	amyloid beta (A4)
17	41	85.4	765	2	S42880	amyloid precursor-
18	35	72.9	489	2	H81912	probable integral
19	35	72.9	489	2	H81127	hypothetical prote
20	34	70.8	55	2	C69944	hypothetical prote
21	34	70.8	219	2	H89811	hypothetical prote
22	34	70.8	233	2	T31865	hypothetical prote
23	34	70.8	236	2	AF1268	B. subtilis late c
24	34	70.8	469	2	E83195	probable MFS trans
25	34	70.8	839	2	E85394	probable potassium

SUMMARIES

Result No.	Score	% Query Match	Length	DB	ID	Description
1	48	100.0	49	2	O97917_BOVIN	O97917 bos taurus
2	48	100.0	58	1	A4_RABIT	Q28748 o alzheimer
3	48	100.0	58	1	A4_SHEEP	Q28757 o alzheimer
4	48	100.0	59	1	A4_BOVIN	Q28053 b alzheimer
5	48	100.0	79	2	O35463_CRIGR	O35463 cricetulus
6	48	100.0	113	2	Q8JH58_CHESE	Q8jh58 chelydra se
7	48	100.0	218	2	Q8BPV5_MOUSE	Q8bpv5 mus musculu

8	48	100.0	384	2	Q8BPC7_MOUSE	Q8bpc7 mus musculu
9	48	100.0	534	2	O93296_CHICK	O93296 gallus gall
10	48	100.0	693	2	Q98SG0_XENLA	Q98sg0 xenopus lae
11	48	100.0	695	2	Q5R477_PONPY	Q5r477 pongo pygma
12	48	100.0	695	2	Q6RH29_CANFA	Q6rh29 canis famil
13	48	100.0	695	2	Q56JK3_CANFA	Q56jk3 canis famil
14	48	100.0	695	2	Q6GR78_MOUSE	Q6gr78 mus musculu
15	48	100.0	695	2	Q9DGJ8_CHICK	Q9dgj8 gallus gall
16	48	100.0	695	2	Q98SF9_XENLA	Q98sf9 xenopus lae
17	48	100.0	695	2	Q7ZXQ0_XENLA	Q7zxq0 xenopus lae
18	48	100.0	699	2	O57394_NARJA	O57394 narke japon
19	48	100.0	714	2	Q56JK4_CANFA	Q56jk4 canis famil
20	48	100.0	733	2	Q6P6Q5_RAT	Q6p6q5 rattus norv
21	48	100.0	747	2	Q91963_9PIPI	Q91963 xenopus. ap
22	48	100.0	749	2	Q56JK2_STECO	Q56jk2 stenella co
23	48	100.0	749	2	Q6NRR1_XENLA	Q6nrr1 xenopus lae
24	48	100.0	750	2	Q6DJB6_XENTR	Q6djb6 xenopus tro
25	48	100.0	751	1	A4_SAISC	Q95241 s amyloid b

SEQ ID NO: 7

SUMMARIES

Result No.	Score	% Query Match	Length	DB	ID	Description
1	148	92.5	34	6	ABB82614	Abb82614 Amyloid p
2	148	92.5	34	8	ADM72434	Adm72434 Presenili
3	148	92.5	36	8	ADM72440	Adm72440 Presenili
4	148	92.5	38	8	ADM72441	Adm72441 Presenili
5	147	91.9	34	8	ADM72445	Adm72445 Presenili
6	145	90.6	34	8	ADM72443	Adm72443 Presenili
7	145	90.6	34	8	ADM72446	Adm72446 Presenili
8	143	89.4	34	8	ADM72444	Adm72444 Presenili
9	142	88.8	34	8	ADM72442	Adm72442 Presenili
10	136	85.0	31	6	ABB82619	Abb82619 Amyloid p
11	134	83.8	34	8	ADM72447	Adm72447 Presenili
12	133.5	83.4	33	8	ADM72436	Adm72436 Presenili
13	132	82.5	30	8	ADM72439	Adm72439 Presenili
14	128	80.0	32	8	ADM72435	Adm72435 Presenili
15	127	79.4	29	8	ADM72438	Adm72438 Presenili
16	124	77.5	30	8	ADM72433	Adm72433 Presenili
17	124	77.5	30	8	ADM72437	Adm72437 Presenili
18	122.5	76.6	31	8	ADM72468	Adm72468 Presenili
19	121.5	75.9	31	8	ADM72451	Adm72451 Presenili
20	121.5	75.9	31	8	ADM72452	Adm72452 Presenili
21	119.5	74.7	31	8	ADM72449	Adm72449 Presenili
22	119.5	74.7	31	8	ADM72453	Adm72453 Presenili
23	118.5	74.1	31	8	ADM72450	Adm72450 Presenili
24	117	73.1	30	8	ADM72432	Adm72432 Presenili
25	116.5	72.8	31	8	ADM72448	Adm72448 Presenili

SUMMARIES

Result No.	Score	% Query Match	Length	DB	ID	Description
1	79	49.4	49	1	US-08-123-702-45	Sequence 45, Appl
2	79	49.4	97	6	5187153-8	Patent No. 5187153
3	79	49.4	97	6	5220013-8	Patent No. 5220013
4	79	49.4	97	6	5223482-8	Patent No. 5223482
5	79	49.4	99	1	US-08-422-333-3	Sequence 3, Appli
6	79	49.4	99	2	US-08-339-708A-4	Sequence 4, Appli
7	79	49.4	99	2	US-08-339-708A-6	Sequence 6, Appli
8	79	49.4	100	6	5187153-10	Patent No. 5187153
9	79	49.4	100	6	5220013-10	Patent No. 5220013
10	79	49.4	103	1	US-08-404-831-2	Sequence 2, Appli

11	79	49.4	103	1	US-08-612-785B-2	Sequence 2, Appli
12	79	49.4	103	1	US-08-475-579A-2	Sequence 2, Appli
13	79	49.4	103	1	US-08-920-162A-2	Sequence 2, Appli
14	79	49.4	103	2	US-08-339-708A-10	Sequence 10, Appl
15	79	49.4	103	2	US-08-339-708A-12	Sequence 12, Appl
16	79	49.4	103	2	US-09-356-931-2	Sequence 2, Appli
17	79	49.4	103	2	US-08-703-675C-2	Sequence 2, Appli
18	79	49.4	103	2	US-08-617-267C-2	Sequence 2, Appli
19	79	49.4	103	2	US-09-519-019A-2	Sequence 2, Appli
20	79	49.4	103	2	US-09-895-443A-2	Sequence 2, Appli
21	79	49.4	103	2	US-10-395-290-2	Sequence 2, Appli
22	79	49.4	104	2	US-09-823-153-4	Sequence 4, Appli
23	79	49.4	105	1	US-08-729-345-1	Sequence 1, Appli
24	79	49.4	108	6	5187153-14	Patent No. 5187153
25	79	49.4	108	6	5220013-18	Patent No. 5220013

SUMMARIES

Result No.	Score	% Query Match	Length	DB	ID	Description
1	160	100.0	34	4	US-10-662-651A-7	Sequence 7, Appli
2	129	80.6	31	4	US-10-662-651A-12	Sequence 12, Appl
3	79	49.4	18	4	US-10-662-651A-8	Sequence 8, Appli
4	79	49.4	41	3	US-09-864-761-36369	Sequence 36369, A
5	79	49.4	44	5	US-10-700-922-5	Sequence 5, Appli
6	79	49.4	49	3	US-09-864-761-33582	Sequence 33582, A
7	79	49.4	49	3	US-09-864-761-34163	Sequence 34163, A
8	79	49.4	79	5	US-10-700-922-3	Sequence 3, Appli
9	79	49.4	99	4	US-10-183-119-2	Sequence 2, Appli
10	79	49.4	99	5	US-10-486-265-3	Sequence 3, Appli
11	79	49.4	100	3	US-09-794-975-4	Sequence 4, Appli
12	79	49.4	100	4	US-10-275-025-1	Sequence 1, Appli
13	79	49.4	100	4	US-10-275-025-6	Sequence 6, Appli
14	79	49.4	100	4	US-10-275-025-7	Sequence 7, Appli
15	79	49.4	100	5	US-10-849-423-4	Sequence 4, Appli
16	79	49.4	100	5	US-10-486-265-5	Sequence 5, Appli
17	79	49.4	103	3	US-09-972-475-2	Sequence 2, Appli
18	79	49.4	103	3	US-09-895-443-2	Sequence 2, Appli
19	79	49.4	103	4	US-10-395-290-2	Sequence 2, Appli
20	79	49.4	103	4	US-10-463-729-2	Sequence 2, Appli
21	79	49.4	103	5	US-10-989-763-2	Sequence 2, Appli
22	79	49.4	104	3	US-09-823-153-4	Sequence 4, Appli
23	79	49.4	104	4	US-10-713-981-4	Sequence 4, Appli
24	79	49.4	108	4	US-10-275-025-9	Sequence 9, Appli
25	79	49.4	108	4	US-10-275-025-14	Sequence 14, Appl

SUMMARIES

Result No.	Score	% Query Match	Length	DB	ID	Description
1	79	49.4	770	6	US-10-982-545-15	Sequence 15, Appl
2	79	49.4	770	6	US-10-789-273-38	Sequence 38, Appl
3	65	40.6	763	6	US-10-821-234-1619	Sequence 1619, Ap
4	49	30.6	287	6	US-10-467-657-5866	Sequence 5866, Ap
5	47	29.4	183	7	US-11-113-424-32	Sequence 32, Appl
6	47	29.4	249	7	US-11-113-424-30	Sequence 30, Appl
7	47	29.4	273	7	US-11-113-424-74	Sequence 74, Appl
8	47	29.4	273	7	US-11-113-424-75	Sequence 75, Appl
9	44	27.5	270	6	US-10-467-657-7100	Sequence 7100, Ap
10	44	27.5	1121	7	US-11-113-751-24	Sequence 24, Appl
11	44	27.5	1159	7	US-11-113-751-27	Sequence 27, Appl
12	43.5	27.2	178	6	US-10-821-234-1495	Sequence 1495, Ap
13	43.5	27.2	438	7	US-11-186-541-2	Sequence 2, Appli
14	43.5	27.2	529	7	US-11-186-541-1	Sequence 1, Appli
15	43	26.9	296	6	US-10-467-657-5502	Sequence 5502, Ap
16	43	26.9	558	7	US-11-078-189-19	Sequence 19, Appl
17	42	26.2	12	6	US-10-893-584-96	Sequence 96, Appl

18	42	26.2	16	7	US-11-145-573-22	Sequence 22, Appl
19	42	26.2	159	6	US-10-821-234-1321	Sequence 1321, Ap
20	42	26.2	333	6	US-10-949-720-396	Sequence 396, App
21	41.5	25.9	2769	7	US-11-113-424-14	Sequence 14, Appl
22	41	25.6	25	7	US-11-105-179-1	Sequence 1, Appli
23	41	25.6	208	6	US-10-467-657-3050	Sequence 3050, Ap
24	41	25.6	423	6	US-10-793-626-3234	Sequence 3234, Ap
25	41	25.6	1189	7	US-11-074-176-134	Sequence 134, App

SUMMARIES

Result No.	Score	% Query Match	Length	DB	ID	Description
1	79	49.4	82	2	PQ0438	Alzheimer's diseas
2	79	49.4	695	1	A49795	Alzheimer's diseas
3	79	49.4	695	2	A27485	Alzheimer's diseas
4	79	49.4	695	2	S00550	Alzheimer's diseas
5	79	49.4	747	2	JH0773	Alzheimer's diseas
6	79	49.4	770	1	QRHUA4	Alzheimer's diseas
7	65	40.6	191	2	A35981	sperm membrane pro
8	65	40.6	511	2	JC1404	CDEI-box DNA-bindi
9	65	40.6	751	2	A49974	beta-amyloid precu
10	65	40.6	763	2	A49321	amyloid beta (A4)
11	65	40.6	765	2	S42880	amyloid precursor-
12	61	38.1	1171	2	S57829	genome polyprotein
13	61	38.1	3898	1	GNWVHB	genome polyprotein
14	61	38.1	3898	2	S57437	genome polyprotein
15	59	36.9	57	2	A60045	Alzheimer's diseas
16	59	36.9	57	2	F60045	Alzheimer's diseas
17	59	36.9	57	2	D60045	Alzheimer's diseas
18	59	36.9	57	2	E60045	Alzheimer's diseas
19	59	36.9	57	2	G60045	Alzheimer's diseas
20	59	36.9	57	2	B60045	Alzheimer's diseas
21	56	35.0	3898	2	S58295	polyprotein - hog
22	55	34.4	299	2	T29539	hypothetical prote
23	52	32.5	1036	2	T23845	hypothetical prote
24	51	31.9	590	2	A48461	ovarian abundant m
25	51	31.9	709	2	H87719	protein R119.1 [im

SUMMARIES

Result No.	Score	% Query Match	Length	DB	ID	Description
1	79	49.4	49	2	O97917_BOVIN	O97917 bos taurus
2	79	49.4	79	2	O35463_CRIGR	O35463 cricetulus
3	79	49.4	113	2	Q8JH58_CHESE	Q8jh58 chelydra se
4	79	49.4	218	2	Q8BPV5_MOUSE	Q8bpv5 mus musculu
5	79	49.4	384	2	Q8BPC7_MOUSE	Q8bpc7 mus musculu
6	79	49.4	534	2	O93296_CHICK	O93296 gallus gall
7	79	49.4	693	2	Q98SG0_XENLA	Q98sg0 xenopus lae
8	79	49.4	695	2	Q5R477_PONPY	Q5r477 pongo pygma
9	79	49.4	695	2	Q6RH29_CANFA	Q6rh29 canis famil
10	79	49.4	695	2	Q56JK3_CANFA	Q56jk3 canis famil
11	79	49.4	695	2	Q6GR78_MOUSE	Q6gr78 mus musculu
12	79	49.4	695	2	Q9DGJ8_CHICK	Q9dgj8 gallus gall
13	79	49.4	695	2	Q98SF9_XENLA	Q98sf9 xenopus lae
14	79	49.4	695	2	Q7ZXQ0_XENLA	Q7zxq0 xenopus lae
15	79	49.4	699	2	O57394_NARJA	O57394 narke japon
16	79	49.4	714	2	Q56JK4_CANFA	Q56jk4 canis famil
17	79	49.4	733	2	Q6P6Q5_RAT	Q6p6q5 rattus norv
18	79	49.4	747	2	Q91963_9PIPI	Q91963 xenopus. ap
19	79	49.4	749	2	Q56JK2_STECO	Q56jk2 stenella co
20	79	49.4	749	2	Q6NRR1_XENLA	Q6nrr1 xenopus lae
21	79	49.4	750	2	Q6DJB6_XENTR	Q6djb6 xenopus tro
22	79	49.4	751	1	A4_SAISC	Q95241 s amyloid b
23	79	49.4	751	2	Q6GSC0_HUMAN	Q6gsc0 homo sapien
24	79	49.4	751	2	Q6RH28_CANFA	Q6rh28 canis famil

25	79	49.4	751	2	Q56JK5_CANFA	Q56jk5 canis famil

SEQ ID NO: 8

SUMMARIES

Result No.	Score	% Query Match	Length	DB	ID	Description
1	79	100.0	18	6	ABB82615	Abb82615 Amyloid p
2	79	100.0	34	6	ABB82614	Abb82614 Amyloid p
3	79	100.0	34	8	ADM72434	Adm72434 Presenili
4	79	100.0	36	8	ADM72440	Adm72440 Presenili
5	79	100.0	38	8	ADM72441	Adm72441 Presenili
6	79	100.0	41	4	AAM16658	Aam16658 Peptide #
7	79	100.0	41	4	ABB35642	Abb35642 Peptide #
8	79	100.0	41	4	AAM29142	Aam29142 Peptide #
9	79	100.0	41	4	ABB30475	Abb30475 Peptide #
10	79	100.0	41	4	ABB21071	Abb21071 Protein #
11	79	100.0	41	4	AAM56458	Aam56458 Human bra
12	79	100.0	41	4	AAM04374	Aam04374 Peptide #
13	79	100.0	41	5	ABG38416	Abg38416 Human pep
14	79	100.0	44	2	AAW53985	Aaw53985 Human ALZ
15	79	100.0	49	2	AAR35087	Aar35087 Human amy
16	79	100.0	49	4	AAM14458	Aam14458 Peptide #
17	79	100.0	49	4	AAM13857	Aam13857 Peptide #
18	79	100.0	49	4	ABB32802	Abb32802 Peptide #
19	79	100.0	49	4	ABB33406	Abb33406 Peptide #
20	79	100.0	49	4	AAM26264	Aam26264 Peptide #
21	79	100.0	49	4	AAM26871	Aam26871 Peptide #
22	79	100.0	49	4	ABB27632	Abb27632 Human pep
23	79	100.0	49	4	ABB28231	Abb28231 Human pep
24	79	100.0	49	4	ABB18284	Abb18284 Protein #
25	79	100.0	49	4	ABB18865	Abb18865 Protein #

SUMMARIES

Result No.	Score	% Query Match	Length	DB	ID	Description
1	79	100.0	49	1	US-08-123-702-45	Sequence 45, Appl
2	79	100.0	97	6	5187153-8	Patent No. 5187153
3	79	100.0	97	6	5220013-8	Patent No. 5220013
4	79	100.0	97	6	5223482-8	Patent No. 5223482
5	79	100.0	99	1	US-08-422-333-3	Sequence 3, Appli
6	79	100.0	99	2	US-08-339-708A-4	Sequence 4, Appli
7	79	100.0	99	2	US-08-339-708A-6	Sequence 6, Appli
8	79	100.0	100	6	5187153-10	Patent No. 5187153
9	79	100.0	100	6	5220013-10	Patent No. 5220013
10	79	100.0	103	1	US-08-404-831-2	Sequence 2, Appli
11	79	100.0	103	1	US-08-612-785B-2	Sequence 2, Appli
12	79	100.0	103	1	US-08-475-579A-2	Sequence 2, Appli
13	79	100.0	103	1	US-08-920-162A-2	Sequence 2, Appli
14	79	100.0	103	2	US-08-339-708A-10	Sequence 10, Appl
15	79	100.0	103	2	US-08-339-708A-12	Sequence 12, Appl
16	79	100.0	103	2	US-09-356-931-2	Sequence 2, Appli
17	79	100.0	103	2	US-08-703-675C-2	Sequence 2, Appli
18	79	100.0	103	2	US-08-617-267C-2	Sequence 2, Appli
19	79	100.0	103	2	US-09-519-019A-2	Sequence 2, Appli
20	79	100.0	103	2	US-09-895-443A-2	Sequence 2, Appli
21	79	100.0	103	2	US-10-395-290-2	Sequence 2, Appli
22	79	100.0	104	2	US-09-823-153-4	Sequence 4, Appli
23	79	100.0	105	1	US-08-729-345-1	Sequence 1, Appli
24	79	100.0	108	6	5187153-14	Patent No. 5187153
25	79	100.0	108	6	5220013-18	Patent No. 5220013

RESULT 2

```
5187153-8
;Patent No. 5187153
;     APPLICANT: CORDELL, BARBARA;SCHILLING, JAMES W.;KATUNUMA, NOBUHIKO
;     TITLE OF INVENTION: METHODS OF TREATMENT USING ALZHEIMER'S
;AMYLOID POLYPEPTIDE DERIVATIVES
;     NUMBER OF SEQUENCES: 33
;     CURRENT APPLICATION DATA:
;       APPLICATION NUMBER:  US/07/502,273
;       FILING DATE: 29-MAR-1990
;     PRIOR APPLICATION DATA:
;       APPLICATION NUMBER: 361,912
;       FILING DATE: 06-JUN-1989
;       APPLICATION NUMBER: 359,911
;       FILING DATE: 12-MAY-1989
;       APPLICATION NUMBER: 87,002
;       FILING DATE: 18-AUG-1987
;       APPLICATION NUMBER: 8,810
;       FILING DATE: 30-JAN-1987
;       APPLICATION NUMBER: 948,376
;       FILING DATE: 31-DEC-1986
;       APPLICATION NUMBER: 932,193
;       FILING DATE: 17-NOV-1986
;SEQ ID NO:8:
;       LENGTH: 97
5187153-8

  Query Match             100.0%;  Score 79;  DB 6;  Length 97;
  Best Local Similarity   100.0%;  Pred. No. 3.7e-05;
  Matches   18;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

Qy          1 VVIATVIVITLVMLKKKQ 18
              ||||||||||||||||||
Db         37 VVIATVIVITLVMLKKKQ 54


SUMMARIES

                 %
Result           Query
   No.    Score  Match Length DB  ID                          Description
 ----------------------------------------------------------------------------
     1       79  100.0     18  4  US-10-662-651A-8            Sequence 8, Appli
     2       79  100.0     34  4  US-10-662-651A-7            Sequence 7, Appli
     3       79  100.0     41  3  US-09-864-761-36369         Sequence 36369, A
     4       79  100.0     44  5  US-10-700-922-5             Sequence 5, Appli
     5       79  100.0     49  3  US-09-864-761-33582         Sequence 33582, A
     6       79  100.0     49  3  US-09-864-761-34163         Sequence 34163, A
     7       79  100.0     79  5  US-10-700-922-3             Sequence 3, Appli
     8       79  100.0     99  4  US-10-183-119-2             Sequence 2, Appli
     9       79  100.0     99  5  US-10-486-265-3             Sequence 3, Appli
    10       79  100.0    100  3  US-09-794-975-4             Sequence 4, Appli
    11       79  100.0    100  4  US-10-275-025-1             Sequence 1, Appli
    12       79  100.0    100  4  US-10-275-025-6             Sequence 6, Appli
    13       79  100.0    100  4  US-10-275-025-7             Sequence 7, Appli
    14       79  100.0    100  5  US-10-849-423-4             Sequence 4, Appli
    15       79  100.0    100  5  US-10-486-265-5             Sequence 5, Appli
    16       79  100.0    103  3  US-09-972-475-2             Sequence 2, Appli
    17       79  100.0    103  3  US-09-895-443-2             Sequence 2, Appli
    18       79  100.0    103  4  US-10-395-290-2             Sequence 2, Appli
    19       79  100.0    103  4  US-10-463-729-2             Sequence 2, Appli
    20       79  100.0    103  5  US-10-989-763-2             Sequence 2, Appli
    21       79  100.0    104  3  US-09-823-153-4             Sequence 4, Appli
    22       79  100.0    104  4  US-10-713-981-4             Sequence 4, Appli
    23       79  100.0    108  4  US-10-275-025-9             Sequence 9, Appli
    24       79  100.0    108  4  US-10-275-025-14            Sequence 14, Appl
    25       79  100.0    108  4  US-10-275-025-15            Sequence 15, Appl


SUMMARIES

                 %
Result           Query
   No.    Score  Match Length DB  ID                          Description
```

1	79	100.0	770	6	US-10-982-545-15	Sequence 15, Appl
2	79	100.0	770	6	US-10-789-273-38	Sequence 38, Appl
3	65	82.3	763	6	US-10-821-234-1619	Sequence 1619, Ap
4	42	53.2	12	6	US-10-893-584-96	Sequence 96, Appl
5	42	53.2	16	7	US-11-145-573-22	Sequence 22, Appl
6	41	51.9	423	6	US-10-793-626-3234	Sequence 3234, Ap
7	39	49.4	306	6	US-10-995-561-894	Sequence 894, App
8	39	49.4	998	6	US-10-510-524-1	Sequence 1, Appli
9	38	48.1	333	6	US-10-949-720-396	Sequence 396, App
10	38	48.1	448	6	US-10-873-528-42	Sequence 42, Appl
11	38	48.1	647	7	US-11-000-463-722	Sequence 722, App
12	38	48.1	1897	6	US-10-821-234-1635	Sequence 1635, Ap
13	38	48.1	1907	7	US-11-000-463-250	Sequence 250, App
14	37	46.8	12	7	US-11-145-573-12	Sequence 12, Appl
15	37	46.8	835	6	US-10-501-039-4	Sequence 4, Appli
16	36	45.6	17	7	US-11-094-142-43	Sequence 43, Appl
17	36	45.6	236	6	US-10-793-626-998	Sequence 998, App
18	36	45.6	266	6	US-10-995-561-544	Sequence 544, App
19	36	45.6	267	6	US-10-995-561-543	Sequence 543, App
20	36	45.6	334	6	US-10-793-626-230	Sequence 230, App
21	36	45.6	427	7	US-11-185-230-4	Sequence 4, Appli
22	36	45.6	574	6	US-10-518-341-1	Sequence 1, Appli
23	36	45.6	574	7	US-11-022-562-214	Sequence 214, App
24	36	45.6	702	6	US-10-467-657-7230	Sequence 7230, Ap
25	36	45.6	987	6	US-10-949-720-395	Sequence 395, App

SUMMARIES

Result No.	Score	% Query Match	Length	DB	ID	Description
1	79	100.0	82	2	PQ0438	Alzheimer's diseas
2	79	100.0	695	1	A49795	Alzheimer's diseas
3	79	100.0	695	2	A27485	Alzheimer's diseas
4	79	100.0	695	2	S00550	Alzheimer's diseas
5	79	100.0	747	2	JH0773	Alzheimer's diseas
6	79	100.0	770	1	QRHUA4	Alzheimer's diseas
7	65	82.3	191	2	A35981	sperm membrane pro
8	65	82.3	511	2	JC1404	CDEI-box DNA-bindi
9	65	82.3	751	2	A49974	beta-amyloid precu
10	65	82.3	763	2	A49321	amyloid beta (A4)
11	65	82.3	765	2	S42880	amyloid precursor-
12	59	74.7	57	2	A60045	Alzheimer's diseas
13	59	74.7	57	2	F60045	Alzheimer's diseas
14	59	74.7	57	2	D60045	Alzheimer's diseas
15	59	74.7	57	2	E60045	Alzheimer's diseas
16	59	74.7	57	2	G60045	Alzheimer's diseas
17	59	74.7	57	2	B60045	Alzheimer's diseas
18	46	58.2	236	2	AF1268	B. subtilis late c
19	46	58.2	1036	2	T23845	hypothetical prote
20	45	57.0	283	1	FCMSG1	Fc gamma (IgG) rec
21	45	57.0	285	2	S36903	Fc gamma (IgG) rec
22	45	57.0	330	2	A40071	Fc gamma (IgG) rec
23	45	57.0	330	2	I49660	Fc-gamma-1/gamma-2
24	45	57.0	536	2	JG0022	flagellar basal-bo
25	45	57.0	851	2	D90216	hypothetical prote

SUMMARIES

Result No.	Score	% Query Match	Length	DB	ID	Description
1	79	100.0	49	2	O97917_BOVIN	O97917 bos taurus
2	79	100.0	79	2	O35463_CRIGR	O35463 cricetulus
3	79	100.0	113	2	Q8JH58_CHESE	Q8jh58 chelydra se
4	79	100.0	218	2	Q8BPV5_MOUSE	Q8bpv5 mus musculu
5	79	100.0	384	2	Q8BPC7_MOUSE	Q8bpc7 mus musculu
6	79	100.0	534	2	O93296_CHICK	O93296 gallus gall

7	79	100.0	693	2	Q98SG0_XENLA	Q98sg0 xenopus lae
8	79	100.0	695	2	Q5R477_PONPY	Q5r477 pongo pygma
9	79	100.0	695	2	Q6RH29_CANFA	Q6rh29 canis famil
10	79	100.0	695	2	Q56JK3_CANFA	Q56jk3 canis famil
11	79	100.0	695	2	Q6GR78_MOUSE	Q6gr78 mus musculu
12	79	100.0	695	2	Q9DGJ8_CHICK	Q9dgj8 gallus gall
13	79	100.0	695	2	Q98SF9_XENLA	Q98sf9 xenopus lae
14	79	100.0	695	2	Q7ZXQ0_XENLA	Q7zxq0 xenopus lae
15	79	100.0	699	2	O57394_NARJA	O57394 narke japon
16	79	100.0	714	2	Q56JK4_CANFA	Q56jk4 canis famil
17	79	100.0	733	2	Q6P6Q5_RAT	Q6p6q5 rattus norv
18	79	100.0	747	2	Q91963_9PIPI	Q91963 xenopus. ap
19	79	100.0	749	2	Q56JK2_STECO	Q56jk2 stenella co
20	79	100.0	749	2	Q6NRR1_XENLA	Q6nrr1 xenopus lae
21	79	100.0	750	2	Q6DJB6_XENTR	Q6djb6 xenopus tro
22	79	100.0	751	1	A4_SAISC	Q95241 s amyloid b
23	79	100.0	751	2	Q6GSC0_HUMAN	Q6gsc0 homo sapien
24	79	100.0	751	2	Q6RH28_CANFA	Q6rh28 canis famil
25	79	100.0	751	2	Q56JK5_CANFA	Q56jk5 canis famil

SUMMARIES

Result No.	Score	% Query Match	Length	DB	ID	Description
1	79	100.0	49	2	O97917_BOVIN	O97917 bos taurus
2	79	100.0	79	2	O35463_CRIGR	O35463 cricetulus
3	79	100.0	113	2	Q8JH58_CHESE	Q8jh58 chelydra se
4	79	100.0	218	2	Q8BPV5_MOUSE	Q8bpv5 mus musculu
5	79	100.0	384	2	Q8BPC7_MOUSE	Q8bpc7 mus musculu
6	79	100.0	534	2	O93296_CHICK	O93296 gallus gall
7	79	100.0	693	2	Q98SG0_XENLA	Q98sg0 xenopus lae
8	79	100.0	695	2	Q5R477_PONPY	Q5r477 pongo pygma
9	79	100.0	695	2	Q6RH29_CANFA	Q6rh29 canis famil
10	79	100.0	695	2	Q56JK3_CANFA	Q56jk3 canis famil
11	79	100.0	695	2	Q6GR78_MOUSE	Q6gr78 mus musculu
12	79	100.0	695	2	Q9DGJ8_CHICK	Q9dgj8 gallus gall
13	79	100.0	695	2	Q98SF9_XENLA	Q98sf9 xenopus lae
14	79	100.0	695	2	Q7ZXQ0_XENLA	Q7zxq0 xenopus lae
15	79	100.0	699	2	O57394_NARJA	O57394 narke japon
16	79	100.0	714	2	Q56JK4_CANFA	Q56jk4 canis famil
17	79	100.0	733	2	Q6P6Q5_RAT	Q6p6q5 rattus norv
18	79	100.0	747	2	Q91963_9PIPI	Q91963 xenopus. ap
19	79	100.0	749	2	Q56JK2_STECO	Q56jk2 stenella co
20	79	100.0	749	2	Q6NRR1_XENLA	Q6nrr1 xenopus lae
21	79	100.0	750	2	Q6DJB6_XENTR	Q6djb6 xenopus tro
22	79	100.0	751	1	A4_SAISC	Q95241 s amyloid b
23	79	100.0	751	2	Q6GSC0_HUMAN	Q6gsc0 homo sapien
24	79	100.0	751	2	Q6RH28_CANFA	Q6rh28 canis famil
25	79	100.0	751	2	Q56JK5_CANFA	Q56jk5 canis famil

SEQ ID NO: 12

SUMMARIES

Result No.	Score	% Query Match	Length	DB	ID	Description
1	138	94.5	31	6	ABB82619	Abb82619 Amyloid p
2	138	94.5	34	6	ABB82614	Abb82614 Amyloid p
3	138	94.5	34	8	ADM72434	Adm72434 Presenili
4	138	94.5	36	8	ADM72440	Adm72440 Presenili
5	138	94.5	38	8	ADM72441	Adm72441 Presenili
6	137	93.8	34	8	ADM72445	Adm72445 Presenili
7	135	92.5	34	8	ADM72443	Adm72443 Presenili
8	135	92.5	34	8	ADM72446	Adm72446 Presenili
9	134	91.8	30	8	ADM72439	Adm72439 Presenili
10	133	91.1	34	8	ADM72444	Adm72444 Presenili
11	132	90.4	34	8	ADM72442	Adm72442 Presenili

12	129	88.4	29	8	ADM72438	Adm72438 Presenili
13	124	84.9	34	8	ADM72447	Adm72447 Presenili
14	122.5	83.9	33	8	ADM72436	Adm72436 Presenili
15	117	80.1	32	8	ADM72435	Adm72435 Presenili
16	111.5	76.4	28	8	ADM72431	Adm72431 Presenili
17	111.5	76.4	31	8	ADM72468	Adm72468 Presenili
18	110.5	75.7	31	8	ADM72451	Adm72451 Presenili
19	110.5	75.7	31	8	ADM72452	Adm72452 Presenili
20	108.5	74.3	31	8	ADM72449	Adm72449 Presenili
21	108.5	74.3	31	8	ADM72453	Adm72453 Presenili
22	108	74.0	30	8	ADM72437	Adm72437 Presenili
23	107.5	73.6	31	8	ADM72450	Adm72450 Presenili
24	106	72.6	30	8	ADM72432	Adm72432 Presenili
25	105.5	72.3	28	8	ADM72454	Adm72454 Presenili

SUMMARIES

Result No.	Score	% Query Match	Length	DB	ID	Description
1	67	45.9	49	1	US-08-123-702-45	Sequence 45, Appl
2	67	45.9	97	6	5187153-8	Patent No. 5187153
3	67	45.9	97	6	5220013-8	Patent No. 5220013
4	67	45.9	97	6	5223482-8	Patent No. 5223482
5	67	45.9	99	1	US-08-422-333-3	Sequence 3, Appli
6	67	45.9	99	2	US-08-339-708A-4	Sequence 4, Appli
7	67	45.9	99	2	US-08-339-708A-6	Sequence 6, Appli
8	67	45.9	100	6	5187153-10	Patent No. 5187153
9	67	45.9	100	6	5220013-10	Patent No. 5220013
10	67	45.9	103	1	US-08-404-831-2	Sequence 2, Appli
11	67	45.9	103	1	US-08-612-785B-2	Sequence 2, Appli
12	67	45.9	103	1	US-08-475-579A-2	Sequence 2, Appli
13	67	45.9	103	1	US-08-920-162A-2	Sequence 2, Appli
14	67	45.9	103	2	US-08-339-708A-10	Sequence 10, Appl
15	67	45.9	103	2	US-08-339-708A-12	Sequence 12, Appl
16	67	45.9	103	2	US-09-356-931-2	Sequence 2, Appli
17	67	45.9	103	2	US-08-703-675C-2	Sequence 2, Appli
18	67	45.9	103	2	US-08-617-267C-2	Sequence 2, Appli
19	67	45.9	103	2	US-09-519-019A-2	Sequence 2, Appli
20	67	45.9	103	2	US-09-895-443A-2	Sequence 2, Appli
21	67	45.9	103	2	US-10-395-290-2	Sequence 2, Appli
22	67	45.9	104	2	US-09-823-153-4	Sequence 4, Appli
23	67	45.9	105	1	US-08-729-345-1	Sequence 1, Appli
24	67	45.9	108	6	5187153-14	Patent No. 5187153
25	67	45.9	108	6	5220013-18	Patent No. 5220013

SUMMARIES

Result No.	Score	% Query Match	Length	DB	ID	Description
1	146	100.0	31	4	US-10-662-651A-12	Sequence 12, Appl
2	129	88.4	34	4	US-10-662-651A-7	Sequence 7, Appli
3	71	48.6	16	4	US-10-335-057A-39	Sequence 39, Appl
4	71	48.6	16	4	US-10-662-651A-20	Sequence 20, Appl
5	71	48.6	24	4	US-10-662-651A-16	Sequence 16, Appl
6	71	48.6	28	4	US-10-662-651A-17	Sequence 17, Appl
7	71	48.6	32	4	US-10-662-651A-10	Sequence 10, Appl
8	67	45.9	15	4	US-10-662-651A-13	Sequence 13, Appl
9	67	45.9	18	4	US-10-662-651A-8	Sequence 8, Appli
10	67	45.9	41	3	US-09-864-761-36369	Sequence 36369, A
11	67	45.9	44	5	US-10-700-922-5	Sequence 5, Appli
12	67	45.9	49	3	US-09-864-761-33582	Sequence 33582, A
13	67	45.9	49	3	US-09-864-761-34163	Sequence 34163, A
14	67	45.9	79	5	US-10-700-922-3	Sequence 3, Appli
15	67	45.9	99	4	US-10-183-119-2	Sequence 2, Appli
16	67	45.9	99	5	US-10-486-265-3	Sequence 3, Appli
17	67	45.9	100	3	US-09-794-975-4	Sequence 4, Appli
18	67	45.9	100	4	US-10-275-025-1	Sequence 1, Appli

19	67	45.9	100	4	US-10-275-025-6	Sequence 6, Appli
20	67	45.9	100	4	US-10-275-025-7	Sequence 7, Appli
21	67	45.9	100	5	US-10-849-423-4	Sequence 4, Appli
22	67	45.9	100	5	US-10-486-265-5	Sequence 5, Appli
23	67	45.9	103	3	US-09-972-475-2	Sequence 2, Appli
24	67	45.9	103	3	US-09-895-443-2	Sequence 2, Appli
25	67	45.9	103	4	US-10-395-290-2	Sequence 2, Appli

SUMMARIES

Result No.	Score	% Query Match	Length	DB	ID	Description
1	67	45.9	770	6	US-10-982-545-15	Sequence 15, Appl
2	67	45.9	770	6	US-10-789-273-38	Sequence 38, Appl
3	57	39.0	763	6	US-10-821-234-1619	Sequence 1619, Ap
4	48	32.9	106	6	US-10-485-788A-798	Sequence 798, App
5	48	32.9	106	7	US-11-053-076-180	Sequence 180, App
6	47	32.2	89	7	US-11-103-957-65	Sequence 65, Appl
7	46	31.5	105	6	US-10-485-788A-635	Sequence 635, App
8	46	31.5	105	7	US-11-053-076-3	Sequence 3, Appli
9	44	30.1	103	6	US-10-485-788A-699	Sequence 699, App
10	44	30.1	103	7	US-11-053-076-69	Sequence 69, Appl
11	43.5	29.8	44	6	US-10-467-657-1424	Sequence 1424, Ap
12	43	29.5	93	6	US-10-485-788A-634	Sequence 634, App
13	43	29.5	93	7	US-11-053-076-2	Sequence 2, Appli
14	43	29.5	171	6	US-10-467-657-1182	Sequence 1182, Ap
15	43	29.5	1410	6	US-10-821-234-1050	Sequence 1050, Ap
16	42.5	29.1	2769	7	US-11-113-424-14	Sequence 14, Appl
17	42	28.8	99	6	US-10-485-788A-697	Sequence 697, App
18	42	28.8	99	7	US-11-053-076-67	Sequence 67, Appl
19	42	28.8	980	7	US-11-064-246-10	Sequence 10, Appl
20	41.5	28.4	383	7	US-11-159-516A-29	Sequence 29, Appl
21	41.5	28.4	467	6	US-10-821-234-1688	Sequence 1688, Ap
22	41	28.1	186	6	US-10-667-295-166	Sequence 166, App
23	41	28.1	186	6	US-10-667-295-199	Sequence 199, App
24	41	28.1	204	6	US-10-667-295-165	Sequence 165, App
25	41	28.1	204	6	US-10-667-295-198	Sequence 198, App

SUMMARIES

Result No.	Score	% Query Match	Length	DB	ID	Description
1	67	45.9	82	2	PQ0438	Alzheimer's diseas
2	67	45.9	695	1	A49795	Alzheimer's diseas
3	67	45.9	695	2	A27485	Alzheimer's diseas
4	67	45.9	695	2	S00550	Alzheimer's diseas
5	67	45.9	747	2	JH0773	Alzheimer's diseas
6	67	45.9	770	1	QRHUA4	Alzheimer's diseas
7	60	41.1	1171	2	S57829	genome polyprotein
8	60	41.1	3898	1	GNWVHB	genome polyprotein
9	60	41.1	3898	2	S57437	genome polyprotein
10	57	39.0	191	2	A35981	sperm membrane pro
11	57	39.0	511	2	JC1404	CDEI-box DNA-bindi
12	57	39.0	751	2	A49974	beta-amyloid precu
13	57	39.0	763	2	A49321	amyloid beta (A4)
14	57	39.0	765	2	S42880	amyloid precursor-
15	55	37.7	60	2	H87593	hypothetical prote
16	55	37.7	3898	2	S58295	polyprotein - hog
17	54	37.0	450	2	A34169	alpha-2A-adrenergi
18	54	37.0	813	2	D71378	probable DNA gyras
19	49.5	33.9	133	2	E71311	hypothetical prote
20	49	33.6	2450	2	S71625	protein-tyrosine-p
21	48	32.9	165	2	E84451	hypothetical prote
22	48	32.9	529	2	T45134	hypothetical prote
23	48	32.9	2294	2	I67630	protein-tyrosine-p
24	48	32.9	2466	2	I67629	protein-tyrosine-p
25	48	32.9	2490	1	A54971	protein-tyrosine-p

SUMMARIES

Result No.	Score	% Query Match	Length	DB	ID	Description
1	67	45.9	49	2	O97917_BOVIN	O97917 bos taurus
2	67	45.9	79	2	O35463_CRIGR	O35463 cricetulus
3	67	45.9	113	2	Q8JH58_CHESE	Q8jh58 chelydra se
4	67	45.9	218	2	Q8BPV5_MOUSE	Q8bpv5 mus musculu
5	67	45.9	384	2	Q8BPC7_MOUSE	Q8bpc7 mus musculu
6	67	45.9	534	2	O93296_CHICK	O93296 gallus gall
7	67	45.9	693	2	Q98SG0_XENLA	Q98sg0 xenopus lae
8	67	45.9	695	2	Q5R477_PONPY	Q5r477 pongo pygma
9	67	45.9	695	2	Q6RH29_CANFA	Q6rh29 canis famil
10	67	45.9	695	2	Q56JK3_CANFA	Q56jk3 canis famil
11	67	45.9	695	2	Q6GR78_MOUSE	Q6gr78 mus musculu
12	67	45.9	695	2	Q9DGJ8_CHICK	Q9dgj8 gallus gall
13	67	45.9	695	2	Q98SF9_XENLA	Q98sf9 xenopus lae
14	67	45.9	695	2	Q7ZXQ0_XENLA	Q7zxq0 xenopus lae
15	67	45.9	699	2	O57394_NARJA	O57394 narke japon
16	67	45.9	714	2	Q56JK4_CANFA	Q56jk4 canis famil
17	67	45.9	733	2	Q6P6Q5_RAT	Q6p6q5 rattus norv
18	67	45.9	747	2	Q91963_9PIPI	Q91963 xenopus. ap
19	67	45.9	749	2	Q56JK2_STECO	Q56jk2 stenella co
20	67	45.9	749	2	Q6NRR1_XENLA	Q6nrr1 xenopus lae
21	67	45.9	750	2	Q6DJB6_XENTR	Q6djb6 xenopus tro
22	67	45.9	751	1	A4_SAISC	Q95241 s amyloid b
23	67	45.9	751	2	Q6GSC0_HUMAN	Q6gsc0 homo sapien
24	67	45.9	751	2	Q6RH28_CANFA	Q6rh28 canis famil
25	67	45.9	751	2	Q56JK5_CANFA	Q56jk5 canis famil

SEQ ID NO: 13

SUMMARIES

Result No.	Score	% Query Match	Length	DB	ID	Description
1	67	100.0	15	6	ABB82620	Abb82620 Amyloid p
2	67	100.0	18	6	ABB82615	Abb82615 Amyloid p
3	67	100.0	31	6	ABB82619	Abb82619 Amyloid p
4	67	100.0	34	6	ABB82614	Abb82614 Amyloid p
5	67	100.0	34	8	ADM72434	Adm72434 Presenili
6	67	100.0	36	8	ADM72440	Adm72440 Presenili
7	67	100.0	38	8	ADM72441	Adm72441 Presenili
8	67	100.0	41	4	AAM16658	Aam16658 Peptide #
9	67	100.0	41	4	ABB35642	Abb35642 Peptide #
10	67	100.0	41	4	AAM29142	Aam29142 Peptide #
11	67	100.0	41	4	ABB30475	Abb30475 Peptide #
12	67	100.0	41	4	ABB21071	Abb21071 Protein #
13	67	100.0	41	4	AAM56458	Aam56458 Human bra
14	67	100.0	41	4	AAM04374	Aam04374 Peptide #
15	67	100.0	41	5	ABG38416	Abg38416 Human pep
16	67	100.0	44	2	AAW53985	Aaw53985 Human ALZ
17	67	100.0	49	2	AAR35087	Aar35087 Human amy
18	67	100.0	49	4	AAM14458	Aam14458 Peptide #
19	67	100.0	49	4	AAM13857	Aam13857 Peptide #
20	67	100.0	49	4	ABB32802	Abb32802 Peptide #
21	67	100.0	49	4	ABB33406	Abb33406 Peptide #
22	67	100.0	49	4	AAM26264	Aam26264 Peptide #
23	67	100.0	49	4	AAM26871	Aam26871 Peptide #
24	67	100.0	49	4	ABB27632	Abb27632 Human pep
25	67	100.0	49	4	ABB28231	Abb28231 Human pep

SUMMARIES

Result	% Query

No.	Score	Match	Length	DB	ID	Description
1	67	100.0	49	1	US-08-123-702-45	Sequence 45, Appl
2	67	100.0	97	6	5187153-8	Patent No. 5187153
3	67	100.0	97	6	5220013-8	Patent No. 5220013
4	67	100.0	97	6	5223482-8	Patent No. 5223482
5	67	100.0	99	1	US-08-422-333-3	Sequence 3, Appli
6	67	100.0	99	2	US-08-339-708A-4	Sequence 4, Appli
7	67	100.0	99	2	US-08-339-708A-6	Sequence 6, Appli
8	67	100.0	100	6	5187153-10	Patent No. 5187153
9	67	100.0	100	6	5220013-10	Patent No. 5220013
10	67	100.0	103	1	US-08-404-831-2	Sequence 2, Appli
11	67	100.0	103	1	US-08-612-785B-2	Sequence 2, Appli
12	67	100.0	103	1	US-08-475-579A-2	Sequence 2, Appli
13	67	100.0	103	1	US-08-920-162A-2	Sequence 2, Appli
14	67	100.0	103	2	US-08-339-708A-10	Sequence 10, Appl
15	67	100.0	103	2	US-08-339-708A-12	Sequence 12, Appl
16	67	100.0	103	2	US-09-356-931-2	Sequence 2, Appli
17	67	100.0	103	2	US-08-703-675C-2	Sequence 2, Appli
18	67	100.0	103	2	US-08-617-267C-2	Sequence 2, Appli
19	67	100.0	103	2	US-09-519-019A-2	Sequence 2, Appli
20	67	100.0	103	2	US-09-895-443A-2	Sequence 2, Appli
21	67	100.0	103	2	US-10-395-290-2	Sequence 2, Appli
22	67	100.0	104	2	US-09-823-153-4	Sequence 4, Appli
23	67	100.0	105	1	US-08-729-345-1	Sequence 1, Appli
24	67	100.0	108	6	5187153-14	Patent No. 5187153
25	67	100.0	108	6	5220013-18	Patent No. 5220013

```
RESULT 2
5187153-8
;Patent No. 5187153
;    APPLICANT: CORDELL, BARBARA;SCHILLING, JAMES W.;KATUNUMA, NOBUHIKO
;    TITLE OF INVENTION: METHODS OF TREATMENT USING ALZHEIMER'S
;AMYLOID POLYPEPTIDE DERIVATIVES
;    NUMBER OF SEQUENCES: 33
;    CURRENT APPLICATION DATA:
;      APPLICATION NUMBER:  US/07/502,273
;      FILING DATE: 29-MAR-1990
;    PRIOR APPLICATION DATA:
;      APPLICATION NUMBER: 361,912
;      FILING DATE: 06-JUN-1989
;      APPLICATION NUMBER: 359,911
;      FILING DATE: 12-MAY-1989
;      APPLICATION NUMBER: 87,002
;      FILING DATE: 18-AUG-1987
;      APPLICATION NUMBER: 8,810
;      FILING DATE: 30-JAN-1987
;      APPLICATION NUMBER: 948,376
;      FILING DATE: 31-DEC-1986
;      APPLICATION NUMBER: 932,193
;      FILING DATE: 17-NOV-1986
;SEQ ID NO:8:
;      LENGTH: 97
5187153-8

  Query Match             100.0%;  Score 67;  DB 6;  Length 97;
  Best Local Similarity   100.0%;  Pred. No. 0.00026;
  Matches   15;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

Qy          1 ATVIVITLVMLKKKQ 15
              |||||||||||||||
Db         40 ATVIVITLVMLKKKQ 54


SUMMARIES
                 %
Result           Query
   No.    Score  Match Length DB  ID                      Description
 ---------------------------------------------------------------------------
     1       67  100.0     15  4  US-10-662-651A-13       Sequence 13, Appl
```

2	67	100.0	18	4	US-10-662-651A-8	Sequence 8, Appli
3	67	100.0	31	4	US-10-662-651A-12	Sequence 12, Appl
4	67	100.0	34	4	US-10-662-651A-7	Sequence 7, Appli
5	67	100.0	41	3	US-09-864-761-36369	Sequence 36369, A
6	67	100.0	44	5	US-10-700-922-5	Sequence 5, Appli
7	67	100.0	49	3	US-09-864-761-33582	Sequence 33582, A
8	67	100.0	49	3	US-09-864-761-34163	Sequence 34163, A
9	67	100.0	79	5	US-10-700-922-3	Sequence 3, Appli
10	67	100.0	99	4	US-10-183-119-2	Sequence 2, Appli
11	67	100.0	99	5	US-10-486-265-3	Sequence 3, Appli
12	67	100.0	100	3	US-09-794-975-4	Sequence 4, Appli
13	67	100.0	100	4	US-10-275-025-1	Sequence 1, Appli
14	67	100.0	100	4	US-10-275-025-6	Sequence 6, Appli
15	67	100.0	100	4	US-10-275-025-7	Sequence 7, Appli
16	67	100.0	100	5	US-10-849-423-4	Sequence 4, Appli
17	67	100.0	100	5	US-10-486-265-5	Sequence 5, Appli
18	67	100.0	103	3	US-09-972-475-2	Sequence 2, Appli
19	67	100.0	103	3	US-09-895-443-2	Sequence 2, Appli
20	67	100.0	103	4	US-10-395-290-2	Sequence 2, Appli
21	67	100.0	103	4	US-10-463-729-2	Sequence 2, Appli
22	67	100.0	103	5	US-10-989-763-2	Sequence 2, Appli
23	67	100.0	104	3	US-09-823-153-4	Sequence 4, Appli
24	67	100.0	104	4	US-10-713-981-4	Sequence 4, Appli
25	67	100.0	108	4	US-10-275-025-9	Sequence 9, Appli

SUMMARIES

Result No.	Score	% Query Match	Length	DB	ID	Description
1	67	100.0	770	6	US-10-982-545-15	Sequence 15, Appl
2	67	100.0	770	6	US-10-789-273-38	Sequence 38, Appl
3	57	85.1	763	6	US-10-821-234-1619	Sequence 1619, Ap
4	37	55.2	423	6	US-10-793-626-3234	Sequence 3234, Ap
5	36	53.7	306	6	US-10-995-561-894	Sequence 894, App
6	35	52.2	179	6	US-10-467-657-4526	Sequence 4526, Ap
7	35	52.2	270	6	US-10-467-657-7100	Sequence 7100, Ap
8	34	50.7	236	6	US-10-793-626-998	Sequence 998, App
9	34	50.7	333	6	US-10-949-720-396	Sequence 396, App
10	33	49.3	998	6	US-10-510-524-1	Sequence 1, Appli
11	32	47.8	334	6	US-10-793-626-230	Sequence 230, App
12	32	47.8	499	6	US-10-793-626-1558	Sequence 1558, Ap
13	32	47.8	557	6	US-10-821-234-1593	Sequence 1593, Ap
14	31	46.3	15	7	US-11-098-662-102	Sequence 102, App
15	31	46.3	19	7	US-11-098-662-104	Sequence 104, App
16	31	46.3	21	7	US-11-098-662-106	Sequence 106, App
17	31	46.3	24	7	US-11-098-662-108	Sequence 108, App
18	31	46.3	199	6	US-10-131-826A-92	Sequence 92, Appl
19	31	46.3	200	7	US-11-098-662-4	Sequence 4, Appli
20	31	46.3	200	7	US-11-098-662-20	Sequence 20, Appl
21	31	46.3	367	7	US-11-109-157A-20	Sequence 20, Appl
22	31	46.3	391	6	US-10-821-234-1487	Sequence 1487, Ap
23	31	46.3	448	6	US-10-873-528-42	Sequence 42, Appl
24	31	46.3	531	6	US-10-485-517-276	Sequence 276, App
25	31	46.3	647	7	US-11-000-463-722	Sequence 722, App

SUMMARIES

Result No.	Score	% Query Match	Length	DB	ID	Description
1	67	100.0	82	2	PQ0438	Alzheimer's diseas
2	67	100.0	695	1	A49795	Alzheimer's diseas
3	67	100.0	695	2	A27485	Alzheimer's diseas
4	67	100.0	695	2	S00550	Alzheimer's diseas
5	67	100.0	747	2	JH0773	Alzheimer's diseas
6	67	100.0	770	1	QRHUA4	Alzheimer's diseas
7	57	85.1	191	2	A35981	sperm membrane pro
8	57	85.1	511	2	JC1404	CDEI-box DNA-bindi

9	57	85.1	751	2	A49974	beta-amyloid precu
10	57	85.1	763	2	A49321	amyloid beta (A4)
11	57	85.1	765	2	S42880	amyloid precursor-
12	47	70.1	57	2	A60045	Alzheimer's diseas
13	47	70.1	57	2	F60045	Alzheimer's diseas
14	47	70.1	57	2	D60045	Alzheimer's diseas
15	47	70.1	57	2	E60045	Alzheimer's diseas
16	47	70.1	57	2	G60045	Alzheimer's diseas
17	47	70.1	57	2	B60045	Alzheimer's diseas
18	43	64.2	283	1	FCMSG1	Fc gamma (IgG) rec
19	43	64.2	285	2	S36903	Fc gamma (IgG) rec
20	43	64.2	330	2	A40071	Fc gamma (IgG) rec
21	43	64.2	330	2	I49660	Fc-gamma-1/gamma-2
22	39	58.2	236	2	AF1268	B. subtilis late c
23	38	56.7	233	2	S47352	p30 B9.15 protein
24	38	56.7	237	2	S47351	p30 B9.10 protein
25	38	56.7	270	2	A34636	Fc-gamma receptor

SUMMARIES

Result No.	Score	% Query Match	Length	DB	ID	Description
1	67	100.0	49	2	O97917_BOVIN	O97917 bos taurus
2	67	100.0	79	2	O35463_CRIGR	O35463 cricetulus
3	67	100.0	113	2	Q8JH58_CHESE	Q8jh58 chelydra se
4	67	100.0	218	2	Q8BPV5_MOUSE	Q8bpv5 mus musculu
5	67	100.0	384	2	Q8BPC7_MOUSE	Q8bpc7 mus musculu
6	67	100.0	534	2	O93296_CHICK	O93296 gallus gall
7	67	100.0	693	2	Q98SG0_XENLA	Q98sg0 xenopus lae
8	67	100.0	695	2	Q5R477_PONPY	Q5r477 pongo pygma
9	67	100.0	695	2	Q6RH29_CANFA	Q6rh29 canis famil
10	67	100.0	695	2	Q56JK3_CANFA	Q56jk3 canis famil
11	67	100.0	695	2	Q6GR78_MOUSE	Q6gr78 mus musculu
12	67	100.0	695	2	Q9DGJ8_CHICK	Q9dgj8 gallus gall
13	67	100.0	695	2	Q98SF9_XENLA	Q98sf9 xenopus lae
14	67	100.0	695	2	Q7ZXQ0_XENLA	Q7zxq0 xenopus lae
15	67	100.0	699	2	O57394_NARJA	O57394 narke japon
16	67	100.0	714	2	Q56JK4_CANFA	Q56jk4 canis famil
17	67	100.0	733	2	Q6P6Q5_RAT	Q6p6q5 rattus norv
18	67	100.0	747	2	Q91963_9PIPI	Q91963 xenopus. ap
19	67	100.0	749	2	Q56JK2_STECO	Q56jk2 stenella co
20	67	100.0	749	2	Q6NRR1_XENLA	Q6nrr1 xenopus lae
21	67	100.0	750	2	Q6DJB6_XENTR	Q6djb6 xenopus tro
22	67	100.0	751	1	A4_SAISC	Q95241 s amyloid b
23	67	100.0	751	2	Q6GSC0_HUMAN	Q6gsc0 homo sapien
24	67	100.0	751	2	Q6RH28_CANFA	Q6rh28 canis famil
25	67	100.0	751	2	Q56JK5_CANFA	Q56jk5 canis famil